

Water-Data Report NV-2005

**393913119424006 Local number 085 N21 E20 26CAA7 LYSIMETER 3 SHALLOW**

Basin and Range basin-fill aquifers

Undefined Aquifer

Washoe County, NV

LOCATION.--Lat 39°39'12.6", long 119°42'40.3" referenced to North American Datum of 1983, in NW ¼ SE ¼ SW ¼ sec.26, T.21 N., R.20 E., Washoe County, Hydrologic Unit 16050201.

**WATER-QUALITY RECORDS**

COOPERATION.--Washoe County Department of Water Resources

REMARKS.--Depth of lysimeter is 5 ft below land surface datum. Ground water quality data in this table were collected determine an estimate of the amount of nitrogen entering the ground water from septic tank systems in the valley by collection of water quality data from lysimeters and ground water wells near septic systems.

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 1 of 2

[Remark codes: <, less than; E, estimated.]

Date	Time	Sample type	Specif. conduc- tance, wat unf lab, uS/cm 25 degC (90095)	Chlor- ide, water, fltrd, mg/L (00940)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
<b>Dec</b>								
<b>08...</b>	1027	Interstitial water	E306	<.20	<.04	8.59	<.008	9.54
<b>Mar</b>								
<b>02...</b>	1307	Interstitial water	528	1.35	<.04	1.25	<.008	1.76
<b>Apr</b>								
<b>06...</b>	0955	Interstitial water	--	3.85	<.04	6.47	<.008	6.98
<b>May</b>								
<b>05...</b>	1100	Interstitial water	1,090	9.42	<.04	28.8	<.008	30.0
<b>Jun</b>								
<b>02...</b>	0935	Interstitial water	1,710	14.9	<.04	39.6	<.008	41.9
<b>Jul</b>								
<b>07...</b>	0918	Interstitial water	1,980	21.3	<.04	46.4	<.008	47.0
<b>Aug</b>								
<b>03...</b>	1000	Interstitial water	2,330	25.4	.14	58.6	<.008	67.4
<b>Sep</b>								
<b>08...</b>	0936	Interstitial water	2,420	29.6	.04	89.5	<.008	91.1

393913119424006 Local number 085 N21 E20 26CCAA7 LYSIMETER 3 SHALLOW—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 2 of 2

[Remark codes: &lt;, less than; E, estimated.]

Date	Time	Sample type	Chlor- ide, water, fltrd, mg/L (00940)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
<b>Oct</b>							
<b>05...</b>	0953	Interstitial water	32.6	<.04	95.3	<.008	105
<b>Nov</b>							
<b>02...</b>	0943	Interstitial water	--	.11	119	<.008	122
<b>30...</b>	1005	Interstitial water	35.1	.05	162	<.008	155